

FIRE REGIME AND CONDITION CLASS -- Code Sheet (Alaska US)

Biophysical Land Unit s DRAFT (25)

Forest

BSPi	Black Spruce Interior
BSPS	Black Spruce Southcentral
CBTF	Coastal Boreal Transition
CSLF	Coastal
KMHM	Kenai Mt Hemlock
RISH	Riparian Spruce Hardwood
RISHK	Riparian Spruce Hardwood Kenai
USHS	Upland Spruce Hardwood Southcentral
UWSI	Upland White Spruce Interior

Non-Woody

DHRM	Dry Herbaceous Meadow
MEHM	Mesic Herbaceous Meadow
NFWL	Non-Forested Wetland

Shrubland

DSTN	Dwarf Shrub Tundra
PSHN	Persistent Shrub North
PSHS	Persistent Shrub South

Upper Vegetation Layer

Canopy Closure(65)

0	Zero percent
0.5	Trace or 0-1 %
3	Present or 2-5 %
10	>5-15 percent
20	>15-25 percent
30	>25-35 percent
40	>35-45 percent
50	>45-55 percent
60	>55-65 percent
70	>65-75 percent
80	>75-85 percent
90	>85-95 percent
98	>95-100 percent
XX	Could Not Assess

Average Slope Class(34)

GENTL	0-10
MOD	11-30
STEEP	31-50
VSTEEP	>50

Current Comp Source (56)

M	mapped summary
R	walk through and visual est
V	visual estimate

Insolation Class(36)

LOW	NW, N, NE, E, or flat if cold air drainage
MOD	Flat (<+ 10% slope) or all aspects
HIGH	W, SW, S, SE

Landform (32)

GMF	Glaciated mountains-foothills
BRK	Breaklands-river breaks-badlands
PLA	Plains-rolling plains-plains w/breaks
VAL	Valleys-swailes-draws
HIL	Hills-low ridges-benches
NMF	Nonglaciated Mountain

Reference Composition Source (55)

D	coarse-scale default values from lit. review/mod. Workshops
R	region/state default values from lit. review/mod. workshops
N	non-local expert estimate
L	local expert estimate
T	interdisciplinary team (IDT) consensus
M	expert estimate + lit. review/modeling
B	IDT consensus from lit. review/modeling workshop
F	local study + lit. review/modeling workshop

Natural Fire Frequency and Native American Burning (57)

A	Substantial Native American burning influence included
C	used coarse-scale default
D	Substantial Nat.American burning influence, but not included
N	Nat. American burning influence not considered
W	Nat. Amer. burning considered but not different than without

Upper Layer Size Class(64)

Coniferous and Broadleaf Trees

SEED	Seedling - < 4.5 feet
SAPL	Sapling - > 4.5 feet tall and <5.0 in. DBH
POLE	Pole - > 5 in. and < 9 in DBH.
MEDM	Medium - 9 - 21 in DBH.
LARG	Large -21 - 33 in DBH.
VLAR	Very large ->33 in DBH

Shrubs

LOWS	Low -<3 feet tall.
MEDS	Medium -3 - 6.5 feet tall.
TALS	Tall ->6.5 feet tall.

Herbaceous

LOWH	Low -<=2 feettall.
TALH	Tall ->2 feet tall.

Other

MMLL	Moss, Lichens, Litter/Duff
BARN	Barren, Rock, Gravel, Soil
NNNN	Doesn't fit any cat., Unable to Assess

Surface Fire Fuel Model (70)

1	Peren/Annual Grasslands, Savannahs, Grass-tundra. <1/3 shrub or timber
2	Shrub, pine, oak, pinyon-juniper with < 2/3 shrub or timber cover
3	Tall Grassland, Prairie, and Meadow
4	Coastal/Sierra Chaparral, Pocosin Shrub, South. Rough Shrub, Cl. Jack Pine, Pine Bar.
5	Moist or Cool Shrub Types , Forest/Shrub, Regen. Shrub fields after fire or harvest
6	Pinyon-juniper w/ shrubs, Southern Hardwood/ Shrub w/ Pine, Frost Killed Gambel Oak, Pocosin Shrub, Chamise, Chaparral, Spruce-taiga, Shrub-tundra, Hardwood Slash
7	Palmetto-gallberry w/ or w/o Pine overstory, Black spruce/shrub, Southern Rough
8	Closed canopy short needle conifer types, Closed canopy broadleaf or hardwood types
9	Long needle conifer types, Oak-hickory and similar Hardwood types
10	Any Forest type with > 3" down dead woody fuels
11	Light Logging Slash, Partial Cut Slash
12	Moderate and Continuous Logging Slash in Clearcuts or Heavy Partial Cuts and Thinned areas

Upper Layer Lifeform (63)

CONT	Coniferous Trees
BRDT	Broadleaf Trees
SHRB	Shrubs
HERB	Herbaceous
MOSS	Moss or Lichens
NVEG	Non-vegetated
NNNN	Does not fit any category

BpLU Lifeform (26)

AQ	Aquatic
BF	Broadleaf upland forest
BW	Broadleaf wetland or riparian forest
CF	Coniferous upland forest
CW	Coniferous wetland or riparian forest
HA	Herbaceous dominated alpine
HU	Herbaceous dominated upland
HW	Herbaceous dominated wetland or riparian
ML	Moss or lichen dom. upland or wetland
NV	Non-vegetated
OT	Other potential vegetation lifeform
SA	Shrub dominated alpine
SU	Shrub dominated upland
SW	Shrub dominated wetland or riparian

Vegetation-Fuel Class (62)

Characteristic

AESP	Post-replacement; Early Development
BMSC	Mid Development; Closed
CMSO	Mid Development; Open
DLSO	Late Development; Open
ELSC	Late Development; Closed

Uncharacteristic

UCLR	Cultural
UCLRB	Cultural; Burned Area Restoration
UCLRO	Cultural; Other
UCLRR	Cultural; Range Improvements
UCLRS	Cultural; Road Densities/Patterns
UCLRT	Cultural; Timber Stand Improvements
UFEF	Post-Fire Effects
UFEFG	Post-Fire Effects; Grass/Shrub Mortality
UFEFO	Post-Fire Effects; Other
UFEFS	Post-Fire Effects; Soil/HydroDegredation
UFEFT	Post-Fire Effects; Large/Old Tree Mortality
UFUS	Fuel/Sucn/Lack Fire Effects
UFUSH	Fuel/Sucn/Lack Fire Effects; Higher Ignitability
UFUSL	Fuel/Sucn/Lack Fire Effects; Lower Ignitability
UFUSO	Fuel/Sucn/Lack Fire Effects; Other
UGRZ	Grazing
UGRZF	Grazing; Lack Fine Fuels
UGRZO	Grazing; Other
UGRZS	Grazing; Soil/Hydro Degredation
UIDS	Insects/Disease
UIDSI	Insects/Disease; Invasive
UIDSM	Insects/Disease; Native More Severe
UIDSO	Insects/Disease; Other
UINP	Uncharacteristic
UINPL	Invasive Plants;Fires Less Frequent
UINPM	Invasive Plants;Fires More Frequent
UOTH	Other disturbances
UPAT	Pattern
UPATC	Pattern; Contiguous
UPATF	Pattern; Fragmented
USHD	Soil/Hydrology
USHDE	Soil/Hydrology; Soil/Hydro Erosion
USHDM	Soil/Hydrology; Mech/Soil/Hydro
USHDO	Soil/Hydrology; Other
UTHV	Timber Harvest;
UTHVC	Timber Harvest;Change Comp Structure
UTHVO	Timber Harvest;Other
UTHVT	Timber Harvest;Missing Large/Old Trees